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| Substitute for form 1449A/B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary) | | | | Complete if Known | |
| | | | | Application Number | NEW 10/576693 |
| | | | | Filing Date | April 21, 2006 |
| | | | | First Named Inventor | Tomoaki KUBO |
| | | | | Art Unit | N/A 1638 |
| | | | | Examiner Name | Not Yet Assigned Fox |
| | | | | Attorney Docket Number | 0230-0238PUS1 |
| Sheet | 1 | of | 1 | | |

| U.S. PATENT DOCUMENTS | | | | | |
|-----------------------|-----------------------|---|--------------------------------|--|---|
| Examiner Initials* | Cite No. ¹ | Document Number Number-Kind Code ² (if known) | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
| | AA* | US-6,165,780-A | 12-26-2000 | KAWASAKI | |
| | AB* | US-6,521,408-B1 | 02-18-2003 | KAWASAKI | |
| | AC* | US-2003/0003585-A1 | 09-21-2004 | KAWASAKI | 1/2003 |
| | AD* | US-6,794,190-A1 | 09-21-2004 | KAWASAKI | |

| FOREIGN PATENT DOCUMENTS | | | | | |
|--------------------------|-----------------------|--|--------------------------------|--|---|
| Examiner Initials* | Cite No. ¹ | Foreign Patent Document Country Code ³ -Number ⁴ -Kind Code ⁵ (if known) | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
| | DA* | JP 40-155485-A | 06-10-1988 | | |

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| Examiner Initials | Cite No. ¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | | |
| | CA** | OLSZESKI et al., Nucleic Acids Res., Vol. 16, No. 22, 1988, pp. 10765-10782 | | |
| | CB** | KAWASAKI et al., Bio Science Industry, Vol. 55, No. 7, 1997, pp. 487-489 | | |
| | CC** | OTT et al., Mol. Gen. Genet., Vol. 223, No. 2, 1990, pp. 160-170 | | |
| | GD** | SHI et al., Plant Science, Vol. 165, July 22, 2003, pp. 879-886 | | |
| | GE** | HE et al., Gene, Vol. 324, December 2003, pp. 113-121 | | |

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| Examiner Signature | /David T. Fox/ | Date Considered | 02/03/2009 |
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